State of Utah

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Lieutenant Governor

Department of
Environmental Quality

William J. Sinclair
Acting Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

DAQE-IN0102130001-09

February 23, 2009

Jim Robbins
Chevron USA Pipeline Company
2875 S Decker Lake Dr, Ste 150
West Valley City, UT 84119

Dear Mr. Robbins:

Re: Intent to Approve: Hanna Petrolum Pipeline Pumping Station, Duchesne County; CDS B; Attainment Area, NSPS (Part 60)
Project Number: N010213-0001

The attached document is the Intent to Approve for the above-referenced project. The Intent to Approve is subject to public review. Any comments received shall be considered before an Approval Order is issued. The Division of Air Quality is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an Approval Order. An invoice will follow upon issuance of the final Approval Order.

Future correspondence on this Intent to Approve should include the engineer's name as well as the DAQE number as shown on the upper right-hand corner of this letter. The project engineer for this action is Tim Dejulis, who may be reached at (801) 536-4012.

Sincerely,

Ty L. Howard, Manager
New Source Review Section

TLH:TDJ:kw

cc: TriCounty Health Department

STATE OF UTAH

Department of Environmental Quality

Division of Air Quality

INTENT TO APPROVE: Hanna Petrolum Pipeline Pumping Station

Prepared By: Tim Dejulis, Engineer
Phone: (801) 536-4012
Email: tdejulis@utah.gov

INTENT TO APPROVE NUMBER

DAQE-IN0102130001-09

Date: February 23, 2009

Hanna Pumping Station

Source Contact:
Mr. Jim Robbins Environmental Specialist
Phone: (801) 975-2325

Ty L. Howard, Manager
New Source Review Section
Utah Division of Air Quality

ABSTRACT

Chevron USA Pipeline Company has requested permission to operate the Hanna petroleum pumping station as a stationary area source. The Hanna station receives crude oil, condensable hydrocarbons, and black wax throughput from the company owned pipeline on it way to Salt Lake City. The Hanna station serves as a buffer to pipeline operations allowing production to ebb and flow while at the same time maintaining a consistent throughput within the pipeline.

Plant equipment includes four storage tanks (one with 1,680,000 gallon capacity and three with 2,520,000 gallon capacity), electric pump motors, and various comfort heating equipment items rated less than 5,000,000 Btu/hr each.

The emissions, in tons per year, will be as follows:
VOC = 12.27, HAPs = 0.33

The NOI for the above-referenced project has been evaluated and has been found to be consistent with the requirements of UAC R307. Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an AO by the Executive Secretary of the Utah Air Quality Board.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notification of the intent to approve will be published in the Vernal Express on February 25, 2009. During the public comment period the proposal and the evaluation of its impact on air quality will be available for the public to review and provide comment. If anyone so requests a public hearing, it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated. The proposed conditions of the AO may be changed as a result of the comments received.

Name of Permittee:	**Permitted Location:**
Chevron USA Pipeline Company 2875 S Decker Lake Dr Ste 150 West Valley City, UT 84119	Hanna Pumping Station 40700 West 7000 North Hanna, UT 84031

UTM coordinates:520,536 m Easting, 4,472,294 m Northing
SIC code:4612 (Crude Petroleum Pipelines)

Section I: GENERAL PROVISIONS

I.1 All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]

I.2 The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]

I.3 Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401]

I.4 All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Executive Secretary or Executive Secretary's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two (2) years. [R307-401]. [R307-150]

I.5 At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401]

I.6 The owner/operator shall comply with R307-150 Series. Inventories, Testing and Monitoring. [R307-150]

I.7 The owner/operator shall comply with UAC R307-107. General Requirements: Unavoidable Breakdowns. [R307-107]

Section II: SPECIAL PROVISIONS

II.A The approved installations shall consist of the following equipment:

II.A.1 **Petroleum Pumping Station**
Hanna Petroleum Pipeline Pumping Station

II.A.2 **Equipment Leaks**
Various Process Connection/Process Control Device Equipment Leaks

II.A.3 **Comfort Heaters**
Various comfort heating devices rated less than 5,000,000 Btu/hr - each (listed for informational purposes only)

II.A.4 **Tank 510**
2,520,000 gallon External Floating Roof Storage Tank (1973)

II.A.5 **Tank 520**
2,520,000 gallon External Floating Roof Storage Tank (1972)

II.A.6 **Tank 111**
1,680,000 gallon Internal Floating Roof Storage Tank (1949)

II.A.7 **Tank 530**
2,520,000 gallon Internal Floating Roof Storage Tank (2009)

II.B Requirements and Limitations

II.B.1.a Visible emissions from any stationary point or fugitive emission source associated with the source or with the control facilities shall not exceed 20% opacity. Opacity observations of emissions from stationary sources shall be conducted in accordance with 40 CFR 60, Appendix A, Method 9. [R307-401]

II.B.1.b The following limits shall not be exceeded:

9,166,610 barrels of crude oil throughput per rolling 12-month period
1,896,540 barrels of black wax condensate mix throughput per rolling 12-month period
4,741,350 barrels of condensate throughput per rolling 12-month period

To determine compliance with a rolling 12-month total, the owner/operator shall calculate a new 12-month total by the twentieth day of each month using data from the previous 12 months. Records of crude oil throughput shall be kept for all periods when the plant is in operation. Crude oil throughput shall be determined by examination of company and/or customer billing records. The records of crude oil throughput shall be kept on a monthly basis. [R307-401]

II.B.1.c Chevron USA Pipeline Company shall notify the Executive Secretary in writing when the installation of the items appearing in the equipment list is complete and is operational. To insure proper credit when notifying the Executive Secretary, send your correspondence to the Executive Secretary, attn: Compliance Section. If the construction and/or installation is not complete within 18 months from the date of this AO, the Executive Secretary shall be notified in writing on the status of the construction and/or installation. At that time, the Executive Secretary shall require documentation of the continuous construction and/or installation of the operation and may revoke the AO. [R307-401-18]

II.B.1.d The owner/operator shall use propane or natural gas as fuel in the various comfort heating devices.
[R307-401]

Section III: APPLICABLE FEDERAL REQUIREMENTS

In addition to the requirements of this AO, all applicable provisions of the following federal programs have been found to apply to this installation. This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including UAC R307.

NSPS (Part 60), Kb: VolatLiq/PetroStorageVessel 7/23/84

PERMIT HISTORY

The final AO will be based on the following documents:

Is Derived From Original NOI dated November 17, 2008

ACRONYMS

The following lists commonly used acronyms and their associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
ATT	Attainment Area
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by EPA to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CO	Carbon monoxide
COM	Continuous opacity monitor
DAQ	Division of Air Quality (typically interchangeable with UDAQ)
DAQE	This is a document tracking code for internal UDAQ use
EPA	Environmental Protection Agency
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
MACT	Maximum Achievable Control Technology
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO_x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM_{10}	Particulate matter less than 10 microns in size
$PM_{2.5}$	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO_2	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
UAC	Utah Administrative Code
UDAQ	Utah Division of Air Quality (typically interchangeable with DAQ)
VOC	Volatile organic compounds